

Title (en)
SUPPORT CARRIAGE, RIDING GRASS MOWER HAVING THE SUPPORT CARRIAGE, AND WORK VEHICLE INCLUDING THE RIDING GRASS MOWER

Title (de)
TRAGSCHLITTEN, AUFSITZRASENMÄHER MIT DEM TRAGSCHLITTEN UND ARBEITSFAHRZEUG MIT DEM AUFSITZRASENMÄHER

Title (fr)
CHARIOT DE SUPPORT, TONDEUSE À GAZON AUTOPORTÉE DOTÉE DU CHARIOT DE SUPPORT ET VÉHICULE DE TRAVAIL COMPRENANT LA TONDEUSE À GAZON AUTOPORTÉE

Publication
EP 3598887 A3 20200422 (EN)

Application
EP 19179216 A 20190610

Priority
• JP 2018128511 A 20180705
• JP 2018128512 A 20180705
• JP 2018176492 A 20180920
• JP 2018212272 A 20181112
• JP 2018213062 A 20181113
• JP 2018213063 A 20181113

Abstract (en)
This invention provides a support carriage that carries and supports a grass collecting device when the grass collecting device is attached to and detached from the rear portion of a vehicle body, and a riding grass mower that has the support carriage. A support carriage (C) includes a base portion (30) that can move over a work floor (G), and a positioning portion (42) that is provided in the front portion of the base portion (30) and can be engaged with the vehicle body from behind. When the positioning portion (42) is engaged with the vehicle body, the base portion (30) is positioned relative to the vehicle body in the front-rear direction and the width direction.

IPC 8 full level
A01D 43/063 (2006.01); **A01D 34/66** (2006.01); **B62D 49/06** (2006.01)

CPC (source: EP)
A01D 34/66 (2013.01); **A01D 34/661** (2013.01); **A01D 43/063** (2013.01); **B62D 49/0678** (2013.01)

Citation (search report)
• [XA] US 2007051084 A1 20070308 - WHITNEY JAMES C [US]
• [XDA] EP 3097757 A1 20161130 - ISEKI AGRICULT MACH [JP]
• [A] US 2009282797 A1 20091119 - OGATA SATOSHI [JP], et al
• [XA] JP 2014212709 A 20141117 - ISEKI AGRICULT MACH
• [A] US 2008264712 A1 20081030 - WHITE ROBERT E [US]
• [A] WO 9606768 A1 19960307 - WILLIAM CONCEPTS PTY LTD VAN [AU], et al
• [A] US 3014734 A 19611226 - SWENSON VICTOR E
• [A] US 2016052567 A1 20160225 - PUGH TODD [US], et al
• [XA] JP 2010000023 A 20100107 - KUBOTA KK
• [XA] US 2017196167 A1 20170713 - ZHENG XUZHONG [CN]
• [XA] US 2017223892 A1 20170810 - SNAPP STEVEN A [US]
• [XA] US 2014083070 A1 20140327 - BERGLUND BRENT P [US]
• [A] FR 2940004 A1 20100625 - KUBOTA KK [JP]
• [A] EP 1138187 A1 20011004 - KUBOTA KK [JP]

Cited by
GB2525071B; EP3909415A1; KR102634555B1; EP3884763A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3598887 A2 20200129; EP 3598887 A3 20200422; EP 3598887 B1 20210707; EP 3777510 A1 20210217; EP 3777511 A1 20210217; EP 3777512 A1 20210217

DOCDB simple family (application)
EP 19179216 A 20190610; EP 20197036 A 20190610; EP 20197046 A 20190610; EP 20197049 A 20190610